

Case Creation Option

Case "10695262us20060705" already exists. Please overwrite it or cancel the operation.

The Contents of Case "10695262us20060705"

Qnum	Query	DB Name	Thesaurus	Operator	Plural
Q1	emitatin or ("RN-64641-39-0") or ("RN-64641-40-3") or ("RN- 64641-41-4")	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q2	(tricholoma matsutake)	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q3	(anti near5 (tumor or cancer or myeloma or sarcoma)) or (anti- near5 (tumor or cancer or myeloma or sarcoma))	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q4	Q1 near5 Q2	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q5	Q3 near5 Q2	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q6	colon near5 cancer	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q7	(treat near5 Q6) Q1	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q8	(treat and Q6) Q1	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q9	(treat near5 Q6) near5 Q1	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q10	(treat and Q6) near5 Q1	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q11	(treat and Q6) and Q1	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q12	Q6 and Q1	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q13	Q6 and Q2	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q14	extract near5 Q2	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q15	treat same Q6	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q16	Q14 and Q15	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q17	Q14 same Q6	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q18	Q14 and Q6	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q19	424/295.15.ccls.	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q20	424/195.15.ccls.	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q21	Q17 and Q20	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q22	Q18 and Q20	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES

Q23	Q13 and Q20	PGPB,USPT,USOC,EPAB,JPAB,DWTT	None	ADJ	YES
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=> e emitanine/CN

E1 1 EMITANIN S-B/CN
E2 1 EMITANIN S-C/CN
E3 0 --> EMITANINE/CN
E4 1 EMITEC O3EM201/CN
E5 1 EMITEFUR/CN
E6 1 EMITRICIBATINE/CN
E7 1 EMITTOL/CN
E8 1 EMIVAN/CN
E9 1 EMIVIRINE/CN
E10 1 EMIX/CN
E11 1 EMIX .ALPHA.1000/CN
E12 1 EMJEL 200/CN

=> e emitanine

E13 4 EMIT/BI
E14 23 EMITANIN/BI
E15 0 --> EMITANINE/BI
E16 1 EMITE/BI
E17 1 EMITEC/BI
E18 1 EMITEFUR/BI
E19 4 EMITOL/BI
E20 1 EMITRI/BI
E21 1 EMITRICIBATINE/BI
E22 1 EMITT/BI
E23 13 EMITTING/BI
E24 1 EMITTOL/BI

=>

=> e (emitanine-5-a)/cn

E25 1 (EE)-CYCLOBILIRUBIN IX.ALPHA. B/CN
E26 1 (EICOSYLOXYTRI(ETHOXY) ETHYL)TRIMETHYLAMMONIUM CHLORIDE/CN
E27 0 --> (EMITANINE-5-A)/CN
E28 1 (ENDO(ENDO))-3,3'-(2,6-PYRIDINEDIYL)BIS(1,5,7-TRIMETHYL-2,4-DIOXO-3-AZABICYCLO(3.3.1)NONANE-7-CARBOXYLIC ACID/CN
E29 1 (ENDO(ENDO))-3,3'-(4,6-DIMETHYL-1,3-PHENYLENE)BIS(1,5,7-TRIMETHYL-2,4-DIOXO-3-AZABICYCLO(3.3.1)NONANE-7-CARBOXYLIC ACID/CN
E30 1 (ENDO)-1-AZABICYCLO(2.2.1)HEPTAN-3-OL/CN
E31 1 (ENDO)-8-BICYCLO(2.2.1)HEPT-2-YL-2-((4-PIPERIDIN-1-YLPHENYL)AMINO)-8H-PYRIDO(2,3-D)PYRIMIDIN-7-ONE/CN
E32 1 (ENDO)-BICYCLO(2.2.1)HEPT-5-ENE-2-CARBONITRILE/CN
E33 1 (ENDO,ENDO)-BICYCLO(2.2.1)HEPT-5-ENE-2,3-DICARBOXYLIC ACID DIMETHYL ESTER/CN
E34 1 (ENDO,ENDO,ANTI)-3-METHYL-2,4-DIPHENYL-3-AZABICYCLO(3.3.1)NONAN-9-AMINE/CN
E35 1 (ENDO,SYN)-3-O-ACETYL-8-ISOPROPYLTROPINIUM IODIDE/CN
E36 1 (ENDO-4-SERINE)-ANGIOTENSIN II/CN

=> e krestin/cn

E37 1 KRESOXIM-METHYL-PROPICONAZOLE MIXT./CN

E38 1 KRESOXIM-METHYL-PYRIDABEN MIXT./CN
E39 1 --> KRESTIN/CN
E40 1 KRESULFIN/CN
E41 1 KRET/CN
E42 1 KRET (CLEANER)/CN
E43 1 KRETA VH-II/CN
E44 1 KRETAZINE/CN
E45 1 KRETOL/CN
E46 1 KRETOL MEGA VP/CN
E47 1 KRETOX 03GB/CN
E48 1 KRETTNICHITE/CN

=> s e39

=> d L1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 134192-05-5 REGISTRY *

* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP

RN* at an online arrow prompt (=>).

ED Entered STN: 14 Jun 1991

CN Glycoproteins, specific or class, PS-K (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Polysaccharides, PS-K

OTHER NAMES:

CN Crestine

CN Krestin

CN PS-K

CN PSK

MF Unspecified

CI MAN, CTS

PCT Manual registration

SR CA

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, CIN, NAPRALERT, PHAR, PROMT, RTECS*, TOXCENTER

(*File contains numerically searchable property data)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

=> e emitanine

E49 4 EMIT/BI
E50 23 EMITANIN/BI
E51 0 --> EMITANINE/BI
E52 1 EMITE/BI
E53 1 EMITEC/BI
E54 1 EMITEFUR/BI
E55 4 EMITOL/BI
E56 1 EMITRI/BI
E57 1 EMITRICIBATINE/BI
E58 1 EMITT/BI
E59 13 EMITTING/BI
E60 1 EMITTOL/BI

=> e emitanin/cn

E61 1 EMISTIME C/CN

E62 1 EMISTYME/CN
E63 1 --> EMITANIN/CN
E64 1 EMITANIN 1A/CN
E65 1 EMITANIN 1B/CN
E66 1 EMITANIN 2A/CN
E67 1 EMITANIN 2B/CN
E68 1 EMITANIN 3A/CN
E69 1 EMITANIN 3B/CN
E70 1 EMITANIN A/CN
E71 1 EMITANIN B/CN
E72 1 EMITANIN BM-A/CN
L3 1 EMITANIN/CN
L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 64641-39-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN Emitanin (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
LC STN Files: CA, CAPLUS, TOXCENTER
=> FIL REGISTRY
<http://www.cas.org/infopolicy.html>
=> S L4
L5 2 L4
L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1978:150599 CAPLUS
DOCUMENT NUMBER: 88:150599
ENTRY DATE: Entered STN: 12 May 1984
TITLE: Anticancer substance, emitanin.
INVENTOR(S): Suzuki, Wataru; Ikegawa, Tetsuro
PATENT ASSIGNEE(S): Yamamoto, Hisashige, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp. Division of Japan. Kokai
77 79087.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
INT. PATENT CLASSIF.: C12D009-04
CLASSIFICATION: 16-2 (Fermentations)
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 53006494	A2	19780120	JP 1977-28594	19770317
PRIORITY APPLN. INFO.:			JP 1977-28594	A 19770317
PATENT CLASSIFICATION CODES:				
PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES		

JP 53006494	IC	C12D009-04		
IPCI C12D0009-04; C07G0011-00; A61K0039-00 [ICA]				
IPCR A61K0039-00 [I,A]; A61K0039-00 [I,C*]; C07G0011-00				
[I,A]; C07G0011-00 [I,C*]				

ABSTRACT:

A culture broth of *Tricholoma matsutake* or *Pleurotus spedoleucus* is treated with an ion-exchange resin, ultrafiltered, fractionally pptd. by an org. solvent, acid, and a quaternary NH₄⁺ salt, and subjected to chromatog. to yield an anticancer substance, emitanin (I) [64641-39-0]. Thus, mycelium of *T. matsutake* IFO 6915 was cultured at 24.degree. for 3 wk on a medium (pH 4.5) contg. Ebios 0.5 and glucose 2%. The culture supernatant was decolorized with active C and mixed with 3 vols. of alc. to ppt. crude I. ~~The mycelium was also extd. with hot water and I was also pptd.~~ by addn. of alc. The crude I was purified by column chromatog. on Duolite A-7 (H⁺), alc. pptn., and dialysis. I-A [64641-40-3] (31 mg) and I-B [64641-41-4] (10 mg) were sepd. by adsorption on DEAE-Sephadex; I-B was adsorbed.

SUPPL. TERM: neoplasm inhibitor emitanin; *Tricholoma* emitanin; *Pleurotus* emitanin

INDEX TERM: Neoplasm inhibitors (emitanin)

INDEX TERM: *Pleurotus spedoleucus*, *Tricholoma matsutake* (emitanin from)

INDEX TERM: Fermentation (emitanin, by *Pleurotus* or *Tricholoma*)

INDEX TERM: 64641-39-0 64641-40-3 64641-41-4

ROLE: BIOL (Biological study) (neoplasm inhibitor from fungi)

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1977:599155 CAPLUS

DOCUMENT NUMBER: 87:199155

ENTRY DATE: Entered STN: 12 May 1984

TITLE: Anticancer substance, emitanin

INVENTOR(S): Suzuki, Tsune; Ikegawa, Tetsuo

PATENT ASSIGNEE(S): Yamamoto, Hisashige, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp. CODEN: JKXXAF

DOCUMENT TYPE: Patent LANGUAGE: Japanese

INT. PATENT CLASSIF.: C12D009-04

CLASSIFICATION: 16-2 (Fermentations)

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 52079087	A2	19770702	JP 1975-154037	19751225

PRIORITY APPLN. INFO.: JP 1975-154037 A 19751225

PATENT CLASSIFICATION CODES:

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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JP 52079087 IC C12D009-04

IPCI C12D0009-04; C07G0011-00; A61K0039-00 [ICA]

IPCR A61K0039-00 [I,A]; A61K0039-00 [I,C*]; C07G0011-00 [I,A]; C07G0011-00 [I,C*]

ABSTRACT:

Emitanin (I) [64641-39-0] in a culture broth of *Lentinus*, *Flammulina*, *Tricholoma*, *Pholiota*, or *Pleurotus* was purified by ion-exchange chromatog., gel filtration, and pptn. by an org. solvent or a tertiary ammonium salt. Thus, *Lentinus edodes* IFO 4092 was cultured with shaking at 25.degree. for 14 days on 5 L of a liq. medium (pH 6.0). I was pptd. from the culture supernatant by addn. of 3 vols. alc. The hyphae (40 g) were extd. with hot water and I in the

ext. was also pptd. I was adsorbed on Duolite A-7, eluted with water, and pptd. with addn. of 3 vols. alc. to yield .apprx.1.5 g powder. I was dialyzed against water for 5 days, the soln. was treated with DEAE-Sephadex, and the filtrate was mixed with alc. to ppt. emitanin A [64641-40-3]. The DEAE-Sephadex was eluted with 1% NaOH and the eluate was neutralized and mixed with 3 vols. alc. to ppt. emitanin B [64641-41-4]. I was pos. in the HIO₃-benzidine, naphthoresorcinol, and anthrone reactions, mainly consisted of sugar (glucose, galactose), and was sol. in water, hot MeOH, and hot EtOH, but was insol. in C₆H₆, hexane, and acetone.

SUPPL. TERM: cancer inhibitor emitanin Lentinus

INDEX TERM: Lentinus edodes (cancer inhibitors from, emitanins as)

INDEX TERM: Nomenclature, new natural products (emitanin)

INDEX TERM: Nomenclature, new natural products (emitanin A)

INDEX TERM: Nomenclature, new natural products (emitanin B)

INDEX TERM: Neoplasm inhibitors (emitanins)

INDEX TERM: 64641-39-0 64641-40-3 64641-41-4

ROLE: BIOL (Biological study) (a new cancer inhibitor)